P C E A    C H A P T E R    N O .  3

Welcome to the Professional Construction Estimators Association of America, Inc.

November // 2016

Professional Construction Estimators Association of America, Inc. (PCEA) was chartered in 1956 with 35 members from various construction disciplines in Charlotte, North Carolina. Some of the Charter members remain active today. During our early years, members rallied together to exchange ideas, promote educational endeavors and high ethical standards, while simultaneously developing new friendships. Under the leadership of Charlotte’s early presidents, the members set forth many goals to promote and support the industry while expanding the voluntary association. As a result of these efforts, a second chapter was formed during 1958 in Greensboro, North Carolina (now called the Triad Chapter). The Raleigh-Durham Chapter (now called the Triangle Chapter) followed behind in 1963. Subsequent chapters were formed in Virginia, North Carolina, South Carolina and Georgia and Florida. Vern W. "Bill" Helms of the Charlotte Chapter was elected as our first National President in May 1975 during the first annual convention at Myrtle Beach, South Carolina. Since then, PCEA has grown to almost 1,000 members with twelve chapters in five states. Current goals include active expansion to other market areas.

PCEA members have always been active in the promotion of construction education for the betterment of the industry. Each chapter individually coordinates, develops and establishes programs to assist and enhance the educational endeavors in their community while pursuing the educational goals of membership. PCEA Chapters support educational programs ranging from, but not limited to, scholarships to local students, endowed scholarships at several Universities, providing construction instructors, purchasing equipment for use in technical training and introducing construction as a trade to "at risk" students.
Members Corner
Please keep the following members in your thoughts and prayers;
Marc Marotta and Family - Father Passed Away
Jason Graham and Family - Uncle
Kevin Sherron and Family - Father
Tom VonCannon and Family - Father and Uncle

PCEA recognizes that one of the greatest problems facing our industry is a shortage of interested and well qualified employees at all levels. To that end, our mission is to extend Scholarships to persons interested in pursuing a career in the construction Industry.

The following Scholarships are funded by the PCEA Triangle Chapter fundraisers and events. (Please see a Faculty Representative at these schools to receive an application).

PCEA Triangle Chapter 3 Scholarships:

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<thead>
<tr>
<th>Institution</th>
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<tr>
<td>North Carolina State University</td>
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<td>University of North Carolina at Charlotte</td>
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<td>East Carolina University</td>
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<td>Wake Technical Community College</td>
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<td>Vance Granville Community College</td>
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PCEA Member Dependent Scholarship
The PCEA Member Dependent Scholarship is available to immediate family members of PCEA members in good standing. The recipient of this Scholarship does not have to be pursing a degree in the Construction Industry.

<table>
<thead>
<tr>
<th>Contact</th>
<th>Position</th>
<th>Email Address</th>
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</thead>
<tbody>
<tr>
<td>Evan Smith</td>
<td>President</td>
<td><a href="mailto:esmith@floorscapenc.com">esmith@floorscapenc.com</a></td>
</tr>
<tr>
<td>Ryan Degnan</td>
<td>President Elect</td>
<td><a href="mailto:rdegnan@mapdoors.biz">rdegnan@mapdoors.biz</a></td>
</tr>
<tr>
<td>Marc Marotta</td>
<td>1st Vice President</td>
<td><a href="mailto:marc.marotta@skanska.com">marc.marotta@skanska.com</a></td>
</tr>
<tr>
<td>Thomas Von Cannon</td>
<td>2nd Vice President</td>
<td><a href="mailto:tavoncannon@vscfs.com">tavoncannon@vscfs.com</a></td>
</tr>
<tr>
<td>Jason Graham</td>
<td>Secretary</td>
<td><a href="mailto:jason@jdsprinkler.com">jason@jdsprinkler.com</a></td>
</tr>
<tr>
<td>Kevin Sherron</td>
<td>Treasurer</td>
<td><a href="mailto:kevinsherron70@gmail.com">kevinsherron70@gmail.com</a></td>
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<tr>
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<tr>
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</tr>
<tr>
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<td>At Large Director</td>
<td><a href="mailto:chrisk@jdbeam.com">chrisk@jdbeam.com</a></td>
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Officers and Board Members for 2016-2017

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August 18, 2016

Regular Meeting Minutes

Meeting held at Casa Carbone, Raleigh, NC. Attendance: 15 members and 5 guests (Denise Durrant of UL, Rob Bower Past Chapter President of the Orlando Chapter, Scott Coleman National Director of the Charlotte Chapter, Lee Edwards Charlotte Chapter President and his son Grant Edwards). Call to Order at 7:04 pm by President Smith.

Secretary — Minutes are in the latest chapter newsletter for July. The motion to accept as written was accepted.

Treasurer — Kevin Sherron read the July’s treasurer’s report. The report read as follows; Operating Account balance is $4,164.43 and the Projects Account balance is $38,825.45. The Treasurer’s report was accepted as read.

1st Vice President — Chris Kelly stated that we have a new member Jim Hewitt with Hewitt Power.

2nd Vice President — Tom VonCannon stated that he is currently making final arrangements for the following lineup of presentations: EPA in October with a presentation on global warming and the Steel Network in November on the volatility of the steel market.

National Director — Kevin Sherron stated that the next national meeting is August 19th.

Old Business — None.

New Business — None

Education — None.

Fundraising — The annual golf fundraiser was held earlier in the week at MacGregor Downs and was a resounding success. A big thanks to Ryan Degnan for his efforts in pulling this together. The sporting clays is fast approaching on October 14th, the flyer will be hitting your inboxes soon so get your teams ready.

Social — President Smith informed the membership that September’s membership meeting would be replaced with a membership drive cookout at Bonitz on September 22nd. There will be some grilling and football on the screens all members are encouraged to attend and bring a prospective new member along.

Newsletter — None

Program — Denise Durrant of Underwriters Laboratories provided a presentation on what UL does. UL tests and certifies products as an independent 3rd party. UL started certifying fire protection products. They commonly utilize the following standards NFPA and ISO. Her specific office in Durham handles the certification of PPE and flotation devices.

The gold roll winner was Rob Pope with Incline Construction, he missed out on just under $205.00.

September 22, 2016

Regular Meeting Minutes

The Triangle Chapter of PCEA held a membership drive social on September 22nd at Bonitz flooring, in place of the regular scheduled membership meeting. All chapter business will be held over to the next membership meeting.

The membership enjoyed the company of all guests, networked and watched some football.

Respectfully submitted,

Jason Graham
Chapter Secretary
If delays are currently one of the most significant challenges for North Carolina’s construction industry, how can you best avoid them and recover from them when it is necessary to pursue a claim?

Andy Goldsmith, a construction lawyer with Elmore Goldsmith based in Greenville, SC, says the key is preparation, coordination and documentation, and his office has developed some tools to help make it easier for jobsite superintendents and project managers to work within the framework of the contract documents.

“When clients come to us at the end of a project, it’s too late to take steps in the contract negotiation process to account for the possibility of delays,” he said. “It’s too late to manage the project to respond to delays, and what we are left with is pursuing an affirmative claim against the responsible party.”

“Those claims can be extremely valuable, but we would still prefer to help our clients avoid the delays in the first place.” Goldsmith said.

A key issue, of course, is the industry’s skilled labor shortage. Many contractors and subtrades are working at or beyond full capacity, and when a project falls behind, they cannot easily reset the work schedule for other subtrades, who may have moved on to other projects.

As well, Goldsmith says less experienced superintendents and project managers tend to think they can simply work through the delays in the field rather than taking more proactive measures when they first arise, only to find they have dug themselves deeper in the hole.

“When you look across a large project, it’s not uncommon to see at least one party that’s weaker than the ideal, and that one weak party has the potential to bring all the others down. It’s unrealistic to expect that they can make up time as the project goes along, especially in this market,” he said. “They’re already behind and already stretched, and extended shifts and overtime work can exacerbate the problem.”

The solution, he says, is to plan the project at the outset, draw up clear processes for dealing with delays (both in the contract language and in the contractor’s in-house systems) and respond quickly when things start going off the rail.

“The end of the project is not the ideal time to call us,” Goldsmith said. “We would much rather get involved in contract drafting stage, when we can review and negotiate key provisions relating to the schedule. Or when delays first arise, so that we can assist our clients in communicating with the other team members and managing the delay. A meeting between executives can have a huge impact. Sometimes it takes a letter from counsel to prompt that meeting.”

He says the measures you take to document the cause of delay and the resulting impact will be critical in winning your case for additional time and compensation.

“The first thing we are going to ask you, is for a copy of the (delay) notices,” he said. “We will also ask you for all documentation regarding the source of the delay and the problems it caused for you, and we are going to ask you for your cost report, hoping you have coded and tracked costs associated with the problem/s). We will want to interview your project manager and superintendent; they are typically the ones that lived the project.”

“Coming out of the gate, we want to understand if we can check the boxes for a viable claim – which are typically causation, proof of resulting damages, and a contractual basis for the remedy being sought,” he said.

Having the right documentation can be a challenge, especially if site superintendents haven’t been guided about how to keep proper jobsite daily logs. They need to understand how to document daily progress, as well as the cause and effect of anything that is impeding that progress. “If arbitration or litigation is necessary, it will likely come long after the delay arose. Memories fade. So it is important to accurately document the progress in the daily report,” Goldsmith said.
The solution to delay issues – and in fact other construction law challenges – starts at the beginning, with a careful review of the contract documentation.

Goldsmith recommends contractors read their contract carefully, noting any issues of concern. These issues should then be discussed with experienced construction counsel, who can review the document for other problems and imbalances. In the current market, there is no reason that a general contractor or subtrade should accept a one-sided contract.

Recently, Goldsmith reviewed a contract and found wording that asked the contractor “to waive all delay related damages and then, two pages later, provided that if the contractor caused any delays, the upstream party could recover all damages, direct, indirect, consequential, or otherwise.” The contractor missed this feature because, unlike usual practice, the parties’ respective rights in the event of delays were placed in entirely different sections of the contract. Goldsmith spotted this imbalance, marked the contract up to make it fair for both sides, and his client was able to negotiate the necessary modifications.

Goldsmith acknowledged “it is difficult for project managers and superintendents to keep track of contractual provisions relating to delays, especially when the contract form in question is new to them.” The bidding and contract process often is totally separate from the jobsite environment. The folks in the field are busy with the work, they are under a lot of time pressure, and aren’t always as familiar with the contract as you would like for them to be.

One of his firm’s answers to this problem is a contract review checklist/summary, a simple and easy to understand template that contractors can use to boil the contract into a couple of pages, and can be easily retained and reviewed on the jobsite. It also provides a vital checklist when the contractor is reviewing the contract with the lawyer.

The checklist prompts clients to record key information such as:

- The procedures for giving notification of delay;
- the documentation requirements for delay notifications; and
- the consequences for delay, and how much (if any) liquidated damages can be assessed.

Elmore Goldsmith, PA has made the contract review and checklist summary available to NCCN readers. You can request a free copy by visiting this link: [http://elmoregoldsmith.com/category/blog](http://elmoregoldsmith.com/category/blog).

### Residential Construction Year to Date Southeastern US by State

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For some, the onset of fall warns us of the impending winter months. If you live in a region that is susceptible to snowstorms, icy conditions or even increased rain, you’re probably already aware of the precautions needed for surviving such weather. However, your heavy-duty machinery, including construction equipment, farm machinery and power tools, also require some weatherproofing of their own. Although you might be tempted to wait until the last minute, scheduling your maintenance projects during the fall can actually drive productivity and minimize the risk of jobsite injuries.

**Lubricating and Cleaning**
Following a precursory inspection, the first step to any effective equipment maintenance schedule is the lubrication and cleaning of any moving parts. Some machines and components, particularly those that are constantly running or moving, require lubrication on a daily basis. In some cases, this type of daily maintenance is enough to keep the unit in optimum shape for months or even years. Other machines, however, will require a little more care.

You’ll also want to keep in mind that some fluids, especially water, can freeze as temperatures start to drop. While this isn’t typically a concern in the early part of fall, the latter months are susceptible to freezing conditions in many parts of the northern United States. As such, you’ll want to monitor any equipment that relies on water, fuel or other types of freezable liquids.

**Replacing Worn or Damaged Parts**
If a part or tool is already showing signs of excess wear or damage, seasonal temperature changes are bound to have a negative effect. Apart from resulting in greater repair costs down the road, ignoring such issues can be a real hazard to you or your teammates. Sometimes, particularly when working with older equipment, replacement parts might be difficult to locate. While there are some shops that offer custom fabrication if you can't find a similar replacement part elsewhere, this concern only underscores the importance of maintaining your tools.

**Storing Unneeded Equipment**
Unneeded equipment can sometimes be put in storage in the fall. If the use of this hardware is dependent on favorable weather, utilizing a garage, pole barn or other type of indoor unit is a great way to keep it out of harsh conditions altogether. Scheduled and ad hoc maintenance can even be performed in an environment that is clean, spacious and, in some cases, climate-controlled. In fact, studies performed on behalf of the Massachusetts Department of Public Works actually show a significant reduction in overall expenses when the organization's fleet of vehicles are stored indoors as opposed to outdoors. This is primarily due to an increase in unscheduled or unexpected maintenance as well as the rainstorms, snowstorms and severe weather that affect outdoor storage yards.

**Ensuring Operator Knowledge**
Fall is also a great time to verify the knowledge or training of any equipment operators. You might also take this time to brush up on your own comprehension of safety and usage procedures. Apart from avoiding accidents, the act of bolstering your education on the subject can lead to greater productivity and efficiency on the jobsite. Moreover, the upcoming holidays provide ample time for the pursuit of additional training or certification if necessary.

**Preparing for Future Maintenance Needs**
There are a number of steps you can take to better prepare yourself when future maintenance needs arise. Establishing a set schedule will keep you on top of any sudden breakdowns, failures or malfunctions, while taking notes on the repairs you've already performed can help troubleshoot issues down the road. You can also try to limit the overall number of equipment brands and manufacturers you use. While this doesn't necessarily cut down on the maintenance needs of such hardware, it does simplify the process of finding replacement parts when needed.

**Maximizing the Efficiency of Equipment and the Safety of Teammates**
While regular maintenance is unavoidable, those who are diligent and proactive about their tools are more likely to reach the full life expectancy of their hardware while drastically reducing the overall number of workplace accidents. Not only does this ensure the longevity of your valuable construction equipment, but it also cultivates a happy, productive and safe working environment.
If you have tried to make sense of the electoral process and which way your contemporaries are voting here is a breakdown by trade according to online sources.

Verdant Labs has created a chart comparing the occupations held by Democrats and Republicans and while some of the contrasts are obvious, others are not.

One obvious example is those that identify their profession as "Environmentalist." They are most likely Democrats. On the other hand, an "Oil Worker" would primarily lean Republican. If you are a pilot, you are more than likely a Republican. But you are probably a Democrat if you are a flight attendant.

The contrasts get more and more interesting as the branches of the various occupations broaden. One that even threw the creators for a loop fell under the category of physicians. On opposite ends of the political are urologists, overwhelmingly Republican, and pediatricians, overwhelmingly Democrat.

Occupations shown to be favored among Republicans include farming, construction, transportation, sales, and military. For Democrats, those professions include medical services, sports, academics, and arts.

Probably the most unsurprising result was "Union Organizer," with an almost completely touching blue/Democrat circle. The highest-ranking job with the most Republicans is "Miner."

Verdant Labs explains how they created the formula and stated that because of various factors, the ratios are approximate:

This analysis is possible because the Federal Election Commission (FEC) provides data that reveals who made what contribution to which political campaign, when they contributed, how much they contributed, what they call their occupation, and other info. We aggregated that data and applied a simple formula for each occupation:

Dem % for occupation = # of people who primarily gave to Dems [divided by] # of people who primarily gave to Reps

Regardless who you are for, this is going to be a very important election for all of us. Looking at the economy that drives construction, we are still recovering from the recession of 2008. The past two presidents were plagued by infighting in the Senate and the House, with very little being accomplished in the way of employment, in jobs that pay a living wage. Construction work is not, from what I've seen, the field of choice of our young adults. Our Industry will continue to struggle finding quality applicants to grow our businesses. For More information follow the link below:

PCEA–Triangle Presents
5th Annual “Meat, Skeet, Greet” Fundraiser
& Sporting Clay Spectacular

Hosted by the Professional Construction
Estimators Association – Triangle Chapter

OCT. 14th ~ DRAKE LANDING
1:00 – 2:00 PM ~ Registration & Practice
2:00 PM ~ Event kickoff
4:30 PM ~ Steak Dinner catered by Drake Landing

- $150 / person – Includes Ammo, Clays, Snacks and Dinner
- All ammo and sporting clays must be provided by Drake Landing. (Please include Shell Gauge with Registration)
- Prizes will be awarded individually
- Fundraiser supports PCEA-Triangle Programs and Scholarships
- Can you offer more support? On site, you can purchase:
  - Practice tickets – $5 for five shots

Become a sponsor!
Level 1 – Station sponsor $100 Sponsor Name____________________
Level 2 – Special activity sponsor $200
Level 3 – Lunch sponsor $300 Level & Amount____________________

Complete this form and mail (along with payment) to: PCEA-Triangle, PO Box 18701, Raleigh, N.C. 27619
Please make checks to: PCEA-Triangle Chapter.
Registration and payment by credit card is also available online at http://www.pcea-triangle.org

Questions? Call Rick Embrey@ 919-522-7102 or rick@mr-dirt.com
Money and form must be received Friday, October 7th

Name________________________Company________________________Email________________________

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Name________________________Company________________________Email________________________

For Directions go to www.drakelanding.net
3146 Chalybeate Springs Rd.
Fuquay Varina, NC 27526
2016 PCEA-Triangle Chapter Sporting Clays Event

Attendees

01 Lyon Blalock III (Blalock Pavement Consulting)  
02 Mike Jarman (Guaranteed Supply)  
03 Adam Blalock (Blair Duron)  
04 Danny Alford (Argos)  
05 Sean Varner (Argos)  
06 Rick Embrey (Mr. Dirt)  
07 Wally Mills (S.T. Wooten)  
08 Taylor Carr (S.T. Wooten)  
09 Cale Fulghum (S.T. Wooten)  
10 Langdon Pleasants (S.T. Wooten)  
11 Alex Capps (Fuller Land Development)  
12 Mark Pleasants (WACO)  
13 Chris Crowder (WACO)  
14 Josh Early (WACO)  
15 Kevin Clifton (WACO)  
16 Gabe Wood (WACO)  
17 Reed Stone (WACO)  
18 Randy Pleasant (WACO)  
19 Breanna Kaylor (WACO)  
20 Chris Kelley (J.D. Beam)  
21 Robert Pope (Incline Const.)  
22 Josh Wilder (Donley’s Concrete)  
23 Judd Walton (Donley’s Concrete)  
24 Fabien Touly (Donley’s Concrete)  
25 Chris Tate (Donley’s Concrete)  
26 Mitch Fluhrer (Fluhrer-Reed)  
27 Hunter Butler (Fluhrer-Reed)  
28 Joe Edwards (Quality Builders)  
29 Megan McAuliffe (Guest of Joe Edwards)
Life is 10 percent what you make it, and 90 percent how you take it.

Irving Berlin

SayingImages.com
For those of you that were able to be present for last month’s meeting to hear Mr Princiotta you heard one of our most thought inspiring speakers this year. His presentation is a call to action for all of us to act in a more responsible way to conserve energy, and reduce our carbon footprint. If you missed the October’s presentation, you truly missed a great presentation, form a world renowned researcher and author.

We Are Losing the Climate Change Challenge; Can We Recover?

Presentation to the Professional Construction Estimators Association

Frank Princiotta,
Retired USEPA Research Director


In the U.S. Climate Change is not among the top ten concerns of the public!!??

Global Climate Change

In my View the Relative Importance>>>
Frank Princiotta

Frank Princiotta retired from EPA in 2015 after a 43-year career with the agency as Director of the Air Pollution Prevention and Control Division (APPCD) of the National Risk Management Research Laboratory. He has a degree in Chemical Engineering and a Nuclear Engineering Certificate from the Oak Ridge School of Reactor Technology. He has received a gold medal, five bronze medals and the President’s Meritorious Executive Award on two separate occasions. He played the leadership role in the development and demonstration of sulfur dioxide pollution control technology for coal-fired boilers, which has been the mainstay of SO2 control worldwide. An author of many scientific papers on air pollution control, he has been a frequent speaker before technical societies and conferences and has chaired numerous symposia and has testified before House and Senate Committees on air pollution control. In recent years he has been a key expert in the control of mercury from coal-fired power plants. Most recently he has focused on global climate change which he considers the most important environmental issue of the century. He has analyzed the role that technology will need to play, if we are to avoid the potentially catastrophic impacts associated with an unconstrained use of energy.
Thank You Note Sent to Ms. Witter, or the EPA, regarding our October Speaker Mr Frank Princiotta.

From: VonCannon Thomas A. [mailto:TAVonCannon@vscfs.com]  
Sent: Monday, October 24, 2016 5:39 PM  
To: witter.kelly@epa.gov  
Subject: RE: PCEA 10-20-2016

MS. Witter,
I must say, Mr Frank Princiotta, did not disappoint! It is clear to me that the EPA, through his retirement, has lost a great asset. His depth of experience, and ability to convey such a complex topic to those of us who are not entirely acquainted with the risk and dire consequences we face is inspiring.

By chance I saw this past weekend an article on the Glacier National Park showing the retreat of the glacial ice over the past 45 years. That really tied the pieces together for me. Seeing exactly what Frank had relayed, and the expedited effects over the past 25 years in particular was very alarming.

I was very surprised that the situation with Global Warming was as dire as it is. Like me most of the American People have no concept of the status of our environment, and it’s fragility. With our lax disregard for the long term stresses we have burdened our world environment, we have reached a point where we must act.

If more people were aware of the detailed information to which we were so eloquently exposed, more activity and urgency would be placed on trying to correct our wanted attitude, regarding the environment.

We need Frank and others like him (If there are any!) to make this information more public! I can’t believe there is not more talk and urgency placed on this subject. The trends Frank was able to share by his graphic charts, were very technical but were easy to understand. The graphics presented clearly demonstrate the catastrophic damage we have done and what the future holds for our Children and their Children. If we continue to go forward without real life changing action to minimize our effect on our environment as relayed by Mr Frank Princiotta, the future will be very bleak.

Thank you for getting us in touch with Frank and putting in place as a resource educated speakers that are willing to relay their expertise to our thankful PCEA Membership.

Tom

October PCEA Chapter Meeting  
Date: 20 Oct 2016

Last Months speaker was Mr. Frank Princiotta, regarding Climate Change.  
Frank Princiotta retired from EPA in 2015 after a 43-year career with the agency as Director of the Air Pollution Prevention and Control Division (APPCD) of the National Risk Management Research Laboratory. He has a degree in Chemical Engineering and a Nuclear Engineering Certificate from the Oak Ridge School of Reactor Technology. He has received a gold medal, five bronze medals and the President’s Meritorious Executive Award on two separate occasions. He played the leadership role in the development and demonstration of sulfur dioxide pollution control technology for coal-fired boilers, which has been the mainstay of SO2 control worldwide. An author of many scientific papers on air pollution control, he has been a frequent speaker before technical societies and conferences and has chaired numerous symposia and has testified before House and Senate Committees on air pollution control. In recent years he has been a key expert in the control of mercury from coal-fired power plants. Most recently he has focused on global climate change which he considers the most important environmental issue of the century. He has analyzed the role that technology will need to play, if we are to avoid the potentially catastrophic impacts associated with an unconstrained use of energy.
Annual Pecan Sale - By the Bag or Buy the Box!

Pecans //

Regardless of what you call them, or how you pronounce them, we can agree that they taste Great!

PCEA is again this year by popular demand, utilizing our Grade A Fancy Pecans as our Fall / Winter Fund Raiser. Our pricing has remained the same for the past three years. And again this year we are giving you a fresh Bag of Pecans for every $10.00 donation to The PCEA - Education and Operations Fund. Your $10.00 donations makes our education activities and Scholarships possible. This is a great deal, that taste great.

Ingredients

- CRUST
  - 1 ¾ cup all-purpose flour
  - ¼ teaspoon salt
  - 8 tablespoons (1 stick) butter, chilled
  - ¼ cup water, iced

- PECAN FILLING
  - 2 ¾ cup pecan halves
  - 8 egg yolks
  - 2/3 cup dark corn syrup
  - 1 cup sugar
  - 8 tablespoons (1 stick) butter
  - ½ cup heavy cream
  - ½ teaspoon salt
  - 1 ¼ teaspoons vanilla extract
  - 2 tablespoons bourbon
  - ½ orange, zested

Delicious, buttery yet rich-flavored pecans are one of the popular edible tree-nuts known to American aborigines since centuries ago. They are enriched with many health-benefiting nutrients, minerals, vitamins that are essential for optimum health.
November Membership Meeting

Next Meeting  11-17-2016
Pre-meeting Social
starts @ 6:30 PM
Meeting starts @ 7:00 PM

Address:
6019-A Glenwood Ave
Oak Park Shopping Center
Raleigh, NC 27612-2601

November Speaker is Set
Laura Jackson, Ph.D
Representing - EPA

EPA Biologist

Ms. Laura Jackson, Ph.D.

Studying the Link between Ecology and Public Health

EPA Research Biologist Laura Jackson, Ph.D., investigates how to use research to address emerging environmental problems. Currently, she is focusing on the link between natural ecosystems and public health. She has worked for the EPA for 22 years, leading research initiatives in a diversity of disciplines, including environmental monitoring, land use planning, and the impacts that urbanization has on an area's ecology.

How does your science matter?

My research looks at the role of ecology in public health, and it’s very focused on application. The applications we develop are meant to be accessible, readily available on the internet, and geared toward members of the public for use in their communities. I work to frame ecology in terms of public health and well-being. It is vital that we understand that the condition of the natural world and our survival are tightly connected.

For example, we know it’s important for seniors to be active in order to combat muscular atrophy and depression, which affect longevity and quality of life. Previous studies suggest that longevity in seniors is associated with residential areas where there are tree-covered walkways and parks. If we can begin to identify neighborhoods where seniors may have lower life expectancy because there are no conducive walking areas, that would be extremely helpful for guiding public-health intervention.
This month will be our Christmas Celebration Social.

The Social will be held at BUKU Global Street Food Restaurant in downtown Raleigh (address below). We will have heavy Hors D'oeuvres and drinks.

The social will start at regular start time of 6:30 PM.

**Please note that BUKU has free Valet Service at the curb.**

Buku ([bukuraleigh.com](bukuraleigh.com))
110 E. Davie St
Raleigh, NC 27601

Follow this link to the PCEA Triangle Chapter website, where you can register for this event and add it to your calendar:

Triangle Chapter - Events

Please continue to help promote and grow the PCEA Triangle Chapter by forwarding this invitation to our Chapter Meeting. Attached is a copy of the Membership Application in PDF format to give to your interested contacts.

PCEA Triangle Chapter Membership App.pdf

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